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Imprint: Perth, W.A.; Institution of Engineers, Australia; 1979
Extent: 785 p.
ISBN: 0909421129
Publication Type: Conference Paper
Subjects: [Engineering](#); [Business](#); [Production](#)

Database: **ENGINEERING COLLECTION**

Abstract: The papers selected for presentation at the Diamond Jubilee Conference are important for the technical content included, and also for the way they indicate the Institution's coverage in all disciplines of engineering. This volume does not include all the papers presented at the Conference. These technical papers represent an important contribution to engineering knowledge. All areas are covered including: construction, biomedical, structural, mining, telecommunications, power, sanitation and sewerage, groundwater, dams, aviation, and naval engineering.

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